$\underline{\text{EDITORIAL NOTE}}\text{: Section II asks for a detailed history of SUBJECT's relatives on his/her father's side. It is to be filled out by SUBJECT's father if possible.}$ 

# SECTION II. FATHER'S MODULE

SUBJE	CTID: F- _ _ _		
IF FATHER IS NOT AVAILABLE, ASK RESPONDENT.			
Alt. F1.	Is (NAME)'s father still living?		
		YESNO	
Alt. F2.	What was his year of death? How	v old was he?	
		_ _  YEAR	
		_  AGE	
Alt F3.	What was his cause of death? Sh	HOW CARD L ON PAGE F18.	
		GO TO F1	
Now I h	ave some questions about (NAME)	's parents. Let's start with you.	
F1.	What was your date of birth?		
		_ _   _  19  _   MONTH DAY YEAR	
F2.	Are you related by blood to (NAM)	E)'s mother?	
		YES	
	IF YES, SPECIFY		
F3.	In what country were you born?		

F4.	Were you born with any abnormal conditions or birth defects listed there?		
		YES	. 1
		NO	
		DON'T KNOW	
F5.	IF YES, SPECIFY UP TO 3.		
F6.	Did you ever have cancer?		
		YES	. 1
		NODON'T KNOW	• •
		DON'T KNOW	3 (13)
F7.	What kind of cancer was it? SHO	W CARD J 1.    AGE F18.	
	CIVIT		
F8.	At what age was the (first/next) car	ncer diagnosed?	
	First Cancer	1.   _  AGE IN YRS	
	Second Cancer	2.  _ _  AGE IN YRS	
F9.	Did you ever have a benign tumor	SHOW CARD K ON PAGE F18.	
		YES	. 1
		NODON'T KNOW	
F10.	SHOW CARD K ON PAGE F18. F		3 (113)
F 10.	SHOW CARD K ON PAGE F16. F		
F11.	How old were you when it was diag	gnosed?	
		_  AGE IN YRS	

F12.	How wa	s the benign tumor treated	? Was it treated by surgery or by observation of	only	?
			Observation	1	
F13.	What is	your main occupation? _			
F14.	How ma	any years of school did you	complete?		
			<u>  _</u>		
F15.	Are you	adopted?			
			YES		(F15b)
	F15a.	Do you know the family h	istory of your biological parents or siblings?		
			YESNO	1 2	(ASK QUESTION F15b AND END THE INTERVIEW
	F15b.	Have you fathered childre	en by a woman other than (NAME)'s mother?		
			YESNO		

INTERVIEWER CHECK: REVIEW SIBLING INFORMATION ON PAGE S3. BE SURE THIS CHILD HAS BEEN RECORDED. IF NOT, ADD TO SIBLING INFORMATION ON PAGE S3.

## PATERNAL GRANDPARENTS OF (NAME)

I am now going to ask you about (NAME)'s grandparents. We'll start with your father.

		FATH	HER'S
		A: FATHER	B: MOTHER
F16.	What was your father's/mother's year of birth?	_ _  YEAR	_ _  YEAR
F17.	Is (RELATIVE) related by blood to his/her spouse/ partner?		
	YES NO DON'T KNOW IF RELATED, SPECIFY HOW	1 2 9	
F18.	What is (RELATIVE)'s race? SHOW CARD A  WHITE, NOT OF HISPANIC ORIGIN BLACK, NOT OF HISPANIC ORIGIN	01 02	01 02
	ASIAN OR PACIFIC ISLANDER AMERICAN INDIAN OR ALASKAN NATIVE HISPANIC	03	03
F19.	In what country was (RELATIVE) born? IF USA, ASK: What country did his/her people come from before they came to the US?		
F20.	Was (RELATIVE) born with any birth defects or other abnormal conditions?		
	YES NO DON'T KNOW	12 (F22)9 (F22)	
F21.	IF YES, SPECIFY UP TO 3.		
F22.	Did (RELATIVE) ever have cancer?  YES  NO  DON'T KNOW	12 (F25)9 (F25)	

		FATHER'S		
		A: FATHER	B: MOTHER	
F23.	If yes, what type of cancer was it? SHOW CARD J ON PAGE F18.			
F24.	At what age was (RELATIVE) diagnosed with cancer for the first time? CODE AGE OR 99 = DON'T KNOW.	_ _  YRS	 YRS	
F25.	Did (RELATIVE) ever have a benign tumor? SHOW CARD K ON PAGE F18.			
	YES NO DON'T KNOW	12 (F29)9 (F29)		
F26.	SHOW CARD K ON PAGE F18. Please tell me what kind it was.	<u>                                     </u>		
F27.	How old was (RELATIVE) in years when it was diagnosed?	_  AGE IN YRS	_  AGE IN YRS	
F28.	How was the benign tumor treated? Was it treated by surgery or observation only?			
	ObservationSurgery	1	1	
F29.	Is he/she still living?			
	YES NO DON'T KNOW	1 (F32) 2 9 (F32)	1 (F32) 2 9 (F32)	
F30.	What was his/her year of death and how old was he/she?	_ _ _    YEAR	_ _ _    YEAR	
		ll_l AGE	_  AGE	
F31.	What was (RELATIVE)'s cause of death? SHOW CARD L ON PAGE F18.			
F32.	What is/was (RELATIVE)'s main occupation?			
F33.	How many years of school did (RELATIVE) complete?			

Thinking about all the possible pregnancy outcomes, how many pregnancies did your mother have?	
	_  NUMBER
Did any of your mother's pregnand	cies end in:
Premature live birth?	Yes 1 → How many? No 2
Stillbirth at or after 28 weeks?	Yes 1 → How many? No 2
Miscarriage before 28 weeks?	Yes 1 → How many? No 2
Were there any birth defects or ot	her abnormal conditions associated with any of your mother's pregnancies?
	Yes
Calling the first pregnancy numl condition or defect.	ber 1, the next number 2, etc., please tell me the pregnancy number and
	PREGNANCY NUMBER  _  CONDITION  _
Was your father the father of this/	all these pregnancy(ies)?
	Yes       1         No       2 (SPECIFY PREG[S]. NOT HIS)
How many siblings does/did your	mother have (include living and deceased)?
	_  (IF NONE, F52) NUMBER
Do/did any of her siblings have ar	ny birth defects or other abnormal conditions?
	Yes
	Did any of your mother's pregnant Premature live birth?  Stillbirth at or after 28 weeks?  Miscarriage before 28 weeks?  Were there any birth defects or of Calling the first pregnancy number condition or defect.  Was your father the father of this/

F40.	condition or defect.	r 1, the next number 2, etc., please tell me the sibling number, sex, and the
		SIBLING NUMBER  _  M F CONDITION  _
		SIBLING NUMBER  _  M F CONDITION  _
		SIBLING NUMBER  _  M F CONDITION  _
		SIBLING NUMBER  _  M F CONDITION  _
F41.	Did any of your mother's siblings	have cancer?
		Yes
F42.	Which sibling?	_  Male or Female? M F NUMBER (BIRTH ORDER)
F43.	What type of cancer? SHOW CARD J ON PAGE F18.	
F44.	What year was it diagnosed?	 YEAR
	F44A. How old was he/she?	_  AGE
F45.	Is the sibling still living?	Yes
F46.	Did any other of your mother's sib	olings have cancer?
		Yes
F47.	Which sibling?	_  Male or Female? M F NUMBER (BIRTH ORDER)
F48.	What type of cancer? SHOW CARD J ON PAGE F18.	<u> _ _ </u>

F49.	What year was it diagnosed?	 YEAR
	F49a. How old was he/she?	_  AGE
F50.	Is the sibling still living?	Yes
F52.	How many siblings does/did your	father have (include living and deceased)?
		_  (IF NONE, F67) NUMBER
F53.	Do/did any of his siblings have ar	ny birth defects or other abnormal conditions?
		Yes
F54.	Calling the oldest sibling numbe condition or defect.	r 1, the next number 2, etc., please tell me the sibling number, sex, and the
		SIBLING NUMBER    M F CONDITION   _
		SIBLING NUMBER  _   M F CONDITION  _  _
		SIBLING NUMBER  _   M F CONDITION  _  _
		SIBLING NUMBER  _  M F CONDITION  _
F55.	Did any of your father's siblings h	ave cancer?
		Yes
F56.	Which sibling?	_  Male or Female? M F NUMBER (BIRTH ORDER)
F57.	What type of cancer? SHOW CARD J ON PAGE F18.	
F58.	What year was it diagnosed?	_ _  YEAR
	F58a. How old was he/she?	_  AGE

F59.	Is the sibling still living?	Yes	1 2	
F60.	Did any other of your father's sibling	ngs have cancer?		
		Yes	1 2	(F67)
F61.	Which sibling?	_ Male or Female? M NUMBER (BIRTH ORDER)	1	F
F62.	What type of cancer? SHOW CARD J ON PAGE F18.	_  NUMBER		
F63.	What year was it diagnosed?	_  YEAR		
F64.	How old was he/she?	 AGE		
F65.	Is the sibling still living?	YesNo	1 2	

### SIBLINGS OF THE SUBJECT'S FATHER

Now I'd like to ask about (NAME)'s aunts and uncles on the father's side (that is, your brothers and sisters). Please don't include siblings who were adopted into your family.

F67.	How many biological siblings do/did you have?	(IF NONE, F132) #
F68.	Where are you in the birth order, going from oldest	to youngest?

		SIBL	INGS	
Please tell me the first names of all your siblings, and name the siblings in birth order from oldest to youngest.	1st	2nd	3rd	4th
F69. What is (SIBLING)'s relationship to you. SHOW CARD G				
Full sibling  Half sibling by mother  Half sibling by father  IF ADOPTED OUT OF FAMILY,  HISTORY UNKNOWN, CODE 9	2 3	1 2 3 9 (GO TO NEXT SIBLING)	1 2 3 9 (GO TO NEXT SIBLING)	
F70. What was his/her year of birth?	_ _    YEAR	_ _    YEAR	_ _    YEAR	 YEAR
F71. CONFIRM: That is a				
MaleFemale	1	1	1 2	1
F72. Did (SIBLING) have any birth defects or other abnormal conditions?				
Yes No DON'T KNOW	2 (F75)	1 2 (F75) 9 (F75)	1 2 (F75) 9 (F75)	1 2 (F75) 9 (F75)
F73. SPECIFY 1ST BIRTH DEFECT.				
F74. SPECIFY 2ND BIRTH DEFECT.				
F75. Did (SIBLING) ever have cancer?				
Yes No DON'T KNOW	` ,	1 2 (F78) 9 (F78)	1 2 (F78) 9 (F78)	1 2 (F78) 9 (F78)
F76. If so, what type? SHOW CARD J ON PAGE F18.			<u></u>	
F77. What year was it diagnosed?	19   <u> </u>   YEAR	19   <u> </u>   YEAR	19   <u> </u>   YEAR	19   _  YEAR
F77a. How old was he/she?	 AGE	 AGE	 AGE	_  AGE

Family ID	

	SIBLINGS			
	1st	2nd	3rd	4th
F78. Did (SIBLING) ever have a benign tumor? SHOW CARD K ON PAGE F18.			0.0	
YES NO DON'T KNOW	2 (F82)	1 2 (F82) 9 (F82)	1 2 (F82) 9 (F82)	1 2 (F82) 9 (F82)
F79. Looking at SHOW CARD K, please tell me what kind of tumor it was.				
Adenomas colorectal  Ovarian fibroma  Cardiac fibroma  Jaw cysts  Meningioma  Other (SPECIFY)	2 3 4 5	13456	13456	
F80. How old was (SIBLING) when the benign tumor was diagnosed?	_  AGE	_  AGE	_  AGE	_  AGE
F81. How was the benign tumor treated? Was it treated with surgery or observation only?				
OBSERVATION		1	1 2	1
F82. How many pregnancies did (SIBLING) parent? CODE "99" IF NOT KNOWN.	 NONE = 00 (F85)	 NONE = 00 (F85)	_  NONE = 00 (F85)	 NONE = 00 (F85)
F83. Did (SIBLING) (or partner) have any miscarriages (before 28 weeks)? Please specify number.	 NONE = 0 DK = 9	 NONE = 0 DK = 9	 NONE = 0 DK = 9	 NONE = 0 DK = 9
F84. How many live births did (SIBLING) have?		_	_ _	
F85. Is (SIBLING) living?  Yes	SIBLING)	1 (NEXT SIBLING) 2 9	1 (NEXT SIBLING) 2 9	1 (F88) 2 9
F86. What was the year of death and (SIBLING)'s age at death?	_ _   YEAR  _ _   AGE	_ _   YEAR  _ _   AGE	_ _   YEAR  _ _   AGE	_ _  YEAR  _ _  AGE
F87. What was the cause of death? SHOW CARD L ON PAGE F18.  GO TO NEXT SIBLING OR F88	<u>                                      </u>	<u>                                      </u>		

#### FIRST COUSINS ON FATHER'S SIDE

Now I would like to ask some questions about the health of (NAME)'s first cousins on the father's side. First, please give me the first name of each of your siblings who parented a child, starting with the oldest. FILL IN SIBLING'S NAME ABOVE CHILD COLUMNS IN EACH 'FIRST COUSIN' BOX, STARTING WITH OLDEST. IF NONE, GO TO QUESTION F132.

Now going to your oldest sibling (NAME OF SIB1), please tell me the first name of each first cousin, that is every child born to (SIBLING 1). FILL IN NAME UNDER CHILD 1, 2, ETC. IN EACH COLUMN IN FIRST COUSIN BOX. GO TO NEXT PAGE FOR CHILDREN OF SIBLING 2.

Now we will start with (CHILD 1), the first child of (SIBLING NAME).

Family ID

'FIRST COUSINS' CHILDREN OF (FATHER)'S SIBLINGS					
	SIBLING 1				
1	e tell me the first names of each cousin – child to (SIBLING 1)	CHILD 1	CHILD 2	CHILD 3	CHILD 4
F88.	(CHILD), is that a boy or a girl?				
	MaleFemale	1 2	1 2		1 2
F89.	And the year of birth?	_ _  YEAR	_ _  YEAR	_ _  YEAR	_ _  YEAR
F90.	Did (COUSIN) have any birth defects or other abnormal conditions?				
	Yes		1	1	1
	No	2 (F93)	2 (F93)	2 (F93)	2 (F93)
F91.	SPECIFY 1ST BIRTH DEFECT.				
F92.	SPECIFY 2ND BIRTH DEFECT.				
F93.	Did (COUSIN) ever have cancer? Yes		1 2 (F96)	1 2 (F96)	1 2 (F96)
F94.	What type of cancer? SHOW CARD J ON PAGE F18.		_		
F95.	What year was it diagnosed and how old was he/she?	_ _  YEAR   _  AGE			
F96.	Is (COUSIN) living? Yes No	1 (NEXT CHILD)	1 (NEXT CHILD)	1 (NEXT CHILD)	1 (F99)
F97.	What was the cause of death? SHOW CARD L ON PAGE F18.				
F98.	What was the year of death and how old was he/she?  GO TO NEXT CHILD OR F99	_ _  YEAR   _  AGE			

F12

In Person Interview

'FIRST COUSINS' CHILDREN OF (FATHER)'S SIBLINGS					
		SIBLING 2			
F99.	Please tell me the first name of each cousin every child born to (SIBLING 2). (CHILD) Is that a boy or a girl?	CHILD 1	CHILD 2	CHILD 3	CHILD 4
	MaleFemale		1 2	1	1
F100.	And the year of birth?	_ _  YEAR	 YEAR	_  YEAR	 YEAR
F101.	Did (COUSIN) have any birth defects or other abnormal conditions?				
	Yes		1 2 (F104)	1 2 (F104)	1 2 (F104)
F102.	SPECIFY 1ST BIRTH DEFECT.	<u></u>			
F103.	SPECIFY 2ND BIRTH DEFECT.				
F104.	Did (COUSIN) ever have cancer?				
	Yes No		1 2 (F107)	1 2 (F107)	1 2 (F107)
F105.	What type of cancer? SHOW CARD J ON PAGE F18.				
F106.	What year was it diagnosed and how old was she/he?	_ _ _  YEAR  _ _  AGE	_ _  YEAR   _  AGE	_ _ _  YEAR  _ _  AGE	_ _ _  YEAR  _ _  AGE
F107.	Is (COUSIN) living?				
	Yes	1 (NEXT CHILD)	1 (NEXT CHILD) 2	1 (NEXT CHILD) 2	1 (F110)
F108.	What was the cause of death? SHOW CARD L ON PAGE F18.	<u>                                     </u>		<u></u>	
F109.	What was the year of death and how old was he/she?  GO TO NEXT CHILD OR F110	_ _   YEAR   _  AGE	_ _   YEAR   _   AGE	_ _  YEAR   _  AGE	_ _  YEAR   _  AGE

'FIRST COUSINS' CHILDREN OF (FATHER)'S SIBLINGS					
	SIBLING 3				
F110.	Please tell me the first name of each cousin every child born to (SIBLING 3). (CHILD) Is that a boy or a girl?	CHILD 1	CHILD 2	CHILD 3	CHILD 4
	MaleFemale		1 2	1 2	1 2
F111.	And the year of birth?	_ _    YEAR	_  YEAR	_ _    YEAR	_  YEAR
F112.	Did (COUSIN) have any birth defects or other abnormal conditions?				
	Yes		1 2 (F115)	1 2 (F115)	1 2 (F115)
F113.	SPECIFY 1ST BIRTH DEFECT.	<u></u>	_		
F114.	SPECIFY 2ND BIRTH DEFECT.		<u> </u>		<u> </u>
F115.	Did (COUSIN) ever have cancer?				
	Yes		1 2 (F118)	1 2 (F118)	1 2 (F118)
F116.	What type of cancer? SHOW CARD J ON PAGE F18.				
F117.	What year was it diagnosed and how old was she/he?	_ _ _  YEAR  _ _  AGE	_ _  YEAR   _  AGE	_ _ _  YEAR  _ _  AGE	_ _  YEAR   _  AGE
F118.	Is (COUSIN) living?				
	Yes	1 (NEXT CHILD)	1 (NEXT CHILD) 2	1 (NEXT CHILD)	1 (F121)
F119.	What was the cause of death? SHOW CARD L ON PAGE F18.		<u>                                     </u>		
F120.	What was the year of death and how old was he/she?  GO TO NEXT CHILD OR F121	_ _  YEAR   _  AGE	_ _  YEAR   _  AGE	_ _    YEAR   _    AGE	_ _  YEAR   _  AGE

			'FIRST COUSINS' CHILDREN OF (FATHER)'S SIBLINGS				
	SIBLING 4						
Please tell me the first name of each cousin every child born to (SIBLING 4). (CHILD) Is that a boy or a girl?	CHILD 1	CHILD 2	CHILD 3	CHILD 4			
		1	1 2	1			
And the year of birth? [CODE AS YYYY]	_ _    YEAR	_ _    YEAR	_ _    YEAR	_ _  YEAR			
Did (COUSIN) have any birth defects or other abnormal conditions?							
		1 2 (F126)	1 2 (F126)	1 2 (F126)			
SPECIFY 1ST BIRTH DEFECT.							
SPECIFY 2ND BIRTH DEFECT.				<u></u>			
Did (COUSIN) ever have cancer?							
		1 2 (F129)	1 2 (F129)	1 2 (F129)			
What type of cancer? SHOW CARD J ON PAGE F18.							
What year was it diagnosed and how old was she/he?	_ _ _  YEAR  _ _  AGE	_ _  YEAR   _  AGE	_ _  YEAR   _  AGE	_ _  YEAR   _  AGE			
Is (COUSIN) living?							
Yes	1 (NEXT CHILD)	1 (NEXT CHILD)	1 (NEXT CHILD)	1 (F132)			
What was the cause of death?		1 1 1					
SHOW CARD L ON PAGE F18.							
What was the year of death and how old was he/she?  GO TO NEXT CHILD  OR F132	_ _ _  YEAR  _ _  AGE	_ _ _  YEAR  _ _  AGE	_ _ _  YEAR  _ _  AGE	_ _ _  YEAR  _ _  AGE			
	(CHILD) Is that a boy or a girl?  Male	cousin every child born to (SIBLING 4). (CHILD) Is that a boy or a girl?  Male	cousin every child born to (SIBLING 4). (CHILD) Is that a boy or a girl?         1	cousin every child born to (SIBLING 4). (CHILD) is that a boy or a girl?			

		RELATIVE 1	RELATIVE 2
F132.	Are there any other relatives on your side who have or had cancer?	YES	YES
F133.	How are they related to you?		
F134.	What kind of cancer? SHOW CARD J ON PAGE F18.		
F135.	How old was this relative when it was diagnosed?	_  AGE	_  AGE
		Record Details Below	
-			

RELATIVE 1	RELATIVE 2	
YES	YES	
_  AGE	_  AGE	
Record Details Below		
	YES	

## SHOW CARD J: TYPE OF CANCER

- 1 Leukemia
- 2 Lung
- 3 Liver
- 4 Pancreas
- 5 Spleen
- 6 Breast
- 7 Ovaries
- 8 Prostate
- 9 Colon or digestive tract
- 10 Stomach
- 11 Skin
- 12 Brain
- 13 Other type of cancer, specify (do not code)
- 14 Not defined but widespread cancer of unknown type

## **SHOW CARD K:** TYPE OF BENIGN TUMOR

- 1 colorectal adenomas
- 2 Ovarian fibroma
- 3 Cardiac fibroma
- 4 Jaw cysts
- 5 Meningioma
- 6 Other (specify)

## SHOW CARD L: CAUSE OF DEATH

- 1 Cancer, specify type
- 2 Accident
- 3 Heart disease/attack
- 4 Stroke (clot of blood in brain)
- 5 Natural causes (old age)
- 6 Infection
- 7 Spina bifida-related complications
- 8 Renal failure
- 9 Other, specify